Index of Claims

| A  | 13   |    | 4: - | -10 |    | 1    | NI. |
|----|------|----|------|-----|----|------|-----|
| Ap | ıpıı | ca | uo   | n/C | QU | troi | No. |

10/724,920

Examiner

Applicant(s)/Patent under Reexamination

LE-ROUZO ET AL.

Art Unit

Shanto M Z Abedin

2136

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** Α 0 Objected

|          |          | Ш  |          |          |          |              | J          |              | ш               |          |             |          |                 |          |          |          |          |             |          |              |          |          | J        |          |                 |          |
|----------|----------|--|----------|----------|----------|--------------|------------|--------------|-----------------|----------|-------------|----------|-----------------|----------|----------|----------|----------|-------------|----------|--------------|----------|----------|----------|----------|-----------------|----------|
| Cla      | aim      |  | _        |          |          | Date         | е          |              |                 |          | Cla         | aim      |                 | -        |          | Ć        | Date     | <del></del> |          |              |          | C        | aim      | [        |                 |          |
| -        | lar ,    | 9/5  | •        | ,        |          |              |            |              |                 |          |             |          |                 |          |          |          |          |             |          |              |          |          |          |          |                 |          |
| Final    | Original | 7  |          |          |          |              |            |              |                 |          | Final       | Original |                 |          |          |          |          |             |          |              |          | Final    | Original |          |                 |          |
|          |          | N  | ,        |          | <u> </u> |              | _          |              | Ш               |          |             |          | Ш               |          |          |          |          |             | _        | $\dashv$     | _        |          |          |          |                 | $\dashv$ |
| <u> </u> | 2        | 7  | _        |          |          |              | ├          |              | -               | 4        | <u> </u>    | 51       | Н               | _        |          |          |          |             | -        | $\dashv$     | -        | -        | 101      | H        |                 | $\dashv$ |
| -        | 3        |  | •        |          | _        |              | ├—         | <del> </del> | Н               | -        |             | 52<br>53 |                 |          |          |          |          |             | -        | $\dashv$     | -        | -        | 102      |          |                 | $\dashv$ |
|          | 4        | V  | <b>/</b> |          |          |              | $\vdash$   | _            | Н               | $\dashv$ | <b></b>     | 54       | Н               | -        |          |          |          | -           | $\dashv$ | $\dashv$     |          |          | 103      | Н        | $\dashv$        | $\dashv$ |
|          | 5        | V  | _        |          |          |              | ┢          | ┢─           | Н               | $\dashv$ | <u> </u>    | 55       | Н               |          |          |          |          | $\dashv$    | $\dashv$ | -            | -        |          | 105      | Н        | $\dashv$        | $\dashv$ |
| <u> </u> | 6        | U  |          |          |          | _            | ┢          |              | H               | _        | -           | 56       |                 |          |          |          |          | $\dashv$    |          | $\dashv$     |          |          | 106      | -        | $\dashv$        | -+       |
|          | 7        | J  |          |          |          |              | $\vdash$   |              | Н               | $\dashv$ |             | 57       | Н               |          |          |          |          |             | $\dashv$ | 十            | _        |          | 107      | $\vdash$ | $\dashv$        | $\dashv$ |
|          | 8        | J  | •        |          |          |              |            |              | Н               | _        |             | 58       | П               |          |          |          |          |             | $\neg$   | _            |          |          | 108      |          | Ħ               | _        |
|          | 9        | U  |          |          |          |              | T          |              |                 | $\neg$   |             | 59       | П               |          |          |          |          |             | T        | _            |          |          | 109      |          | $\Box$          | ヿ        |
|          | 10       | 7  | ,        |          |          |              | ٠.         |              |                 |          |             | 60       |                 |          |          |          |          |             |          | 一            |          |          | 110      |          |                 | 寸        |
|          | 11       | V  | ,        |          |          |              |            |              |                 |          |             | 61       |                 |          |          |          |          |             | ╛        |              |          |          | 111      |          |                 |          |
|          | 12       | V  |          |          |          |              |            |              |                 |          |             | 62       |                 |          |          |          |          |             |          |              |          |          | 112      |          |                 |          |
|          | 13       | Y  |          |          |          |              |            |              |                 |          |             | 63       |                 |          |          |          |          |             | ┚        | $\Box$       |          |          | 113      |          |                 |          |
|          | 14       | 7  |          |          |          | L            | <u></u>    |              | Ш               |          |             | 64       | Ш               |          |          |          |          |             |          | ·            |          |          | 114      |          |                 |          |
| <u> </u> | 15       | 4  |          |          | _        | L            |            | <u> </u>     | Ш               |          | <u></u>     | 65       | Ш               |          |          |          |          | Ц           | _        | $\bot$       | _        |          | 115      | Ш        | Ш               | $\Box$   |
| <u> </u> | 16       | 4  |          |          | <u> </u> | $\vdash$     | _          | _            | Ш               |          | <u> </u>    | 66       |                 |          |          |          |          | $\sqcup$    | 4        | _            | _        | <u> </u> | 116      | Щ        | $\sqcup$        | $\dashv$ |
|          | 17       | 4  | _        |          | <u> </u> | <u> </u>     |            | <u> </u>     |                 | _        |             | 67       |                 |          |          |          |          | _           | _        | _            | _        |          | 117      |          |                 | _        |
|          | 18       | 4  | _        |          | _        | $\vdash$     | _          | _            | Ш               | _        |             | 68       | _               |          |          |          |          | $\dashv$    | _        | _            | _        | ļ        | 118      |          |                 | $\dashv$ |
|          | 19       | 4  | _        |          |          | <del> </del> | <u> — </u> | <u> </u>     | _               |          | ļ           | 69       |                 |          |          |          |          | $\dashv$    | -        | $\dashv$     | 4        |          | 119      |          |                 | _        |
| <u> </u> | 20       | 4  | _        |          | <u> </u> | ļ            |            | -            |                 |          | -           | 70       | Н               |          | -        |          |          | $\dashv$    |          | <u>.  </u>   | -        | _        | 120      | ļ!       |                 |          |
|          | 21<br>22 | H  |          |          | <u> </u> |              | -          | ⊢            | Н               | _        |             | 71       |                 |          |          | _        |          | -           | $\dashv$ |              |          | -        | 121      | <u> </u> |                 | $\dashv$ |
| -        | 23       | Н  |          |          |          |              |            |              | Н               | -        | -           | 72<br>73 | H               |          |          |          |          | -           | $\dashv$ | -+           | $\dashv$ |          | 122      | Н        | -               | $\dashv$ |
|          | 24       | $\vdash$   |          |          | $\vdash$ | ├─           | ⊢          | -            | Н               | ⊢'       | -           | 74       | Н               | -        |          |          |          | $\dashv$    | $\dashv$ | -            | $\dashv$ | -        | 123      |          |                 | $\dashv$ |
|          | 25       | Н  | _        |          | $\vdash$ | ╁            | ┝          | -            | $\vdash$        | -        | <u> </u>    | 75       | Н               |          |          |          |          | $\dashv$    | +        | $\dashv$     |          |          | 125      | H        |                 | -+       |
|          | 26       | Н  |          |          |          | $\vdash$     | $\vdash$   | $\vdash$     | Н               | _        |             | 76       | Н               | $\neg$   |          |          |          | $\dashv$    | -        | ┪            | -        |          | 126      | Н        | $\vdash$        | -        |
| -        | 27       |  |          |          |          | ╁            | _          | _            |                 | $\dashv$ |             | 77       | Н               |          |          |          |          | $\dashv$    | 1        | -            | $\dashv$ |          | 127      | Н        |                 | -        |
|          | 28       | Н  |          |          |          | t            | $\vdash$   |              | Н               | _        |             | 78       | Н               |          |          |          |          |             | +        | $\dashv$     |          |          | 128      |          | -               | $\dashv$ |
|          | 29       |  |          |          |          | Τ            | $\vdash$   |              | П               | $\neg$   |             | 79       | П               |          |          |          |          |             | 7        | 寸            |          |          | 129      | П        | $\neg$          | 寸        |
|          | 30       | П  |          |          |          | Г            | Г          |              | П               |          |             | 80       | П               |          |          |          |          |             | ┪        | $\neg$       |          |          | 130      |          | $\neg$          | 一        |
|          | 31       | П  |          |          |          |              |            |              |                 |          |             | 81       |                 |          |          |          |          |             |          | 寸            |          |          | 131      |          |                 | $\neg$   |
|          | 32       |  |          |          |          |              |            |              |                 |          |             | 82       |                 |          |          |          |          |             |          |              |          |          | 132      |          |                 | 丁        |
|          | 33       |  |          |          |          |              |            |              |                 |          |             | 83       |                 |          |          |          |          |             |          |              |          |          | 133      |          |                 | I        |
|          | 34       | Ш  |          |          |          |              |            |              |                 |          |             | 84       |                 |          |          |          |          |             | J        | ightharpoons | _]       |          | 134      |          |                 |          |
|          | 35       | Ш  |          |          | <u> </u> | _            | Щ          | <u> </u>     | Ш               | _        |             | 85       | Щ               |          |          |          |          |             | _        | _            | _        |          | 135      | Ш        | Щ               |          |
| <u></u>  | 36       | $\sqcup$   | Щ        |          | <u> </u> | _            | <u> </u>   | <u> </u>     | Ш               | _        | <u></u>     | 86       | $\sqcup$        |          |          |          |          | $\perp$     | _        | _            | _        | ļ        | 136      |          | Щ               | _        |
| <u> </u> | 37       | Н  | Щ        | <u> </u> | <u> </u> | <b></b>      | -          |              |                 | _        | <u></u>     | 87       |                 | _        | _        | $\Box$   |          |             | _        | _            | _        | ļ        | 137      | Ш        | $\square$       | $\dashv$ |
|          | 38       | $\square$  |          | _        | <u> </u> |              |            | <del> </del> | $\vdash \vdash$ |          |             | 88       | $\vdash \vdash$ | $\dashv$ |          | _        |          | _           |          |              | 4        | <u> </u> | 138      | <u> </u> | $\sqcup$        | $\dashv$ |
| $\vdash$ | 39       | $\vdash$   |          |          | -        | $\vdash$     |            | ⊢            | $\vdash \vdash$ | -        | <u> </u>    | 89       |                 |          | _        |          |          | $\dashv$    | 4        | -            | $\dashv$ | <u> </u> | 139      | Ш        | $ \!\!-\!\!\! $ | $\dashv$ |
|          | 40<br>41 | Н  | H        | _        | <u> </u> | -            | -          | -            | $\vdash \vdash$ |          | <b> </b>    | 90       | $\vdash$        | $\vdash$ | -        |          | _        | $\dashv$    | 4        |              | $\dashv$ | <u> </u> | 140      | $\vdash$ | -               | $\dashv$ |
|          | 42       | $\vdash \vdash$                                  | $\vdash$ |          | $\vdash$ |              | $\vdash$   | -            | $\vdash$        | $\dashv$ | <del></del> | 91       |                 | $\dashv$ | -        |          |          |             | $\dashv$ | $\dashv$     | $\dashv$ | -        | 141      | Н        | $\vdash \vdash$ | $\dashv$ |
| -        | 43       | <del>                                     </del> | $\dashv$ |          | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$        | $\dashv$ | $\vdash$    | 93       | -               | -        | $\dashv$ | $\vdash$ | $\vdash$ |             | $\dashv$ | $\dashv$     | $\dashv$ | -        | 142      | Н        | $\dashv$        | $\dashv$ |
|          | 44       |  | $\vdash$ | _        | $\vdash$ |              | $\vdash$   | 一            | $\vdash$        | $\dashv$ |             | 94       | $\vdash \vdash$ | -        | $\dashv$ |          |          | $\dashv$    |          | $\dashv$     | -        | -        | 144      | Н        | $\vdash$        | $\dashv$ |
| -        | 45       | $\vdash \vdash$                                  | $\vdash$ |          | $\vdash$ |              | $\vdash$   | <del> </del> | H               | $\dashv$ | $\vdash$    | 95       | $\vdash$        | $\vdash$ | $\dashv$ |          |          |             | $\dashv$ | $\dashv$     | $\dashv$ | -        | 145      | H        | $\vdash \vdash$ | $\dashv$ |
|          | 46       | Н  | $\vdash$ |          |          | -            | $\vdash$   | <u> </u>     | Н               | $\dashv$ | <b> </b>    | 96       | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$ |          |             | $\dashv$ | -+           | $\dashv$ |          | 146      | Н        | -               | $\dashv$ |
|          | 47       |  |          |          |          |              |            | $\vdash$     | H               | $\dashv$ |             | 97       | H               | $\dashv$ | -        |          |          |             | 7        | $\dashv$     | $\dashv$ |          | 147      | Н        | <del>-  </del>  | $\dashv$ |
|          | 48       |  |          |          |          |              |            |              |                 |          |             | 98       |                 |          |          |          |          |             | Ħ        |              |          |          | 148      |          | $\Box$          | 寸        |
|          | 49       |  |          |          |          |              |            |              |                 |          |             | 99       |                 |          |          |          |          |             | ╛        |              |          |          | 149      |          |                 | 丁        |
|          | 50       | $oxed{L}$  |          |          |          |              |            |              |                 | •        |             | 100      |                 |          |          |          |          |             | Ī        |              |          |          | 150      |          |                 |          |
|          |          |  |          |          |          |              |            |              |                 |          |             |          |                 |          |          |          |          |             |          |              |          |          |          |          |                 |          |

| Cl       | Claim                           |          | Date         |              |                                     |          |          |              |          |          |  |  |  |
|----------|---------------------------------|----------|--------------|--------------|-------------------------------------|----------|----------|--------------|----------|----------|--|--|--|
| Final    | Original                        |          |              | -            |                                     |          |          |              |          |          |  |  |  |
|          | 101<br>102                      |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 102                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 103                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 104<br>105                      | _        |              |              |                                     |          |          |              | ļ        |          |  |  |  |
|          | 105                             |          |              |              |                                     |          |          | L            |          |          |  |  |  |
|          | 106                             |          | _            |              |                                     | _        | _        | <u> </u>     |          |          |  |  |  |
|          | 107<br>108                      |          | <u> </u>     | <u> </u>     | _                                   |          | <u> </u> | ļ            |          | $\dashv$ |  |  |  |
|          | 108                             |          | _            |              |                                     | _        | <u> </u> | <u> </u>     | _        |          |  |  |  |
|          | 109                             |          | <u> </u>     |              | •                                   |          | -        | ⊢            |          |          |  |  |  |
|          | 110<br>111<br>112               | -        | -            | H            | -                                   | H        | $\vdash$ | ├            | -        | -        |  |  |  |
|          | 112                             |          | -            | $\vdash$     | -                                   | -        |          | ┝            |          | $\dashv$ |  |  |  |
|          | 113                             | $\vdash$ | $\vdash$     | $\vdash$     |                                     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Н        |  |  |  |
|          | 113<br>114<br>115               | _        | $\vdash$     | Н            | Н                                   | Н        | $\vdash$ | $\vdash$     | ┢        | Н        |  |  |  |
|          | 115                             | Т        |              | Г            | Т                                   | H        | $\vdash$ | $\vdash$     | <b> </b> | Н        |  |  |  |
|          | 116                             |          |              |              |                                     |          | Г        | Г            | Г        | П        |  |  |  |
|          | 116<br>117                      |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 118<br>119                      |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 119                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 120                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 121<br>122<br>123               |          |              |              | _                                   |          | _        |              |          | Ш        |  |  |  |
|          | 122                             | Ŀ        |              | L.,          |                                     |          | L        |              |          | Ш        |  |  |  |
|          | 123                             |          | _            | _            | _                                   | _        | <u> </u> | L.           |          | Щ        |  |  |  |
|          | 124                             | _        | <u> </u>     |              | -                                   | <u> </u> | <u> </u> | <u> </u>     |          | Ш        |  |  |  |
|          | 124<br>125<br>126               | _        | $\vdash$     |              |                                     |          | ┝        | ┝            | -        | Щ        |  |  |  |
|          | 120                             |          | -            | -            |                                     | <u> </u> | -        |              | _        | Н        |  |  |  |
| -        | 127<br>128<br>129<br>130<br>131 |          |              |              |                                     | -        |          |              |          | Н        |  |  |  |
|          | 129                             | $\vdash$ | $\vdash$     | -            |                                     |          | $\vdash$ |              |          |          |  |  |  |
|          | 130                             | _        | $\vdash$     |              |                                     |          |          |              |          |          |  |  |  |
|          | 131                             |          |              |              |                                     |          |          | $\vdash$     |          |          |  |  |  |
|          | 132<br>133                      |          |              |              |                                     |          |          | $\vdash$     |          |          |  |  |  |
|          | 133                             | -        |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 134                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 135<br>136                      |          | L            |              |                                     |          |          |              |          |          |  |  |  |
|          | 136                             |          |              | <u> </u>     |                                     |          |          | <u> </u>     | L        |          |  |  |  |
|          | 137                             |          | L            | <u> </u>     |                                     | <u> </u> | $\vdash$ | ļ            | <u> </u> |          |  |  |  |
|          | 138<br>139                      | <b>-</b> | <u> </u>     | $\vdash$     |                                     | <u> </u> |          | <u> </u>     | <u> </u> |          |  |  |  |
| -        | 140                             |          | <del>-</del> |              | -                                   | H        | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ |  |  |  |
| -        | 444                             | _        | <del> </del> | $\vdash$     |                                     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ |          |  |  |  |
| $\vdash$ | 141                             |          | _            | _            |                                     | Н        | $\vdash$ | $\vdash$     | _        | $\vdash$ |  |  |  |
|          | 143                             | -        | $\vdash$     | <del> </del> | $\vdash$                            | Н        | Н        | <del> </del> |          |          |  |  |  |
|          | 144                             |          | Г            |              | Т                                   | Т        | Н        | <u> </u>     | $\vdash$ | Н        |  |  |  |
|          | 145                             |          | Г            |              |                                     |          | П        | $\Box$       |          | П        |  |  |  |
|          | 146                             |          |              |              |                                     |          |          |              |          | П        |  |  |  |
|          | 147                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
|          | 148                             |          |              |              |                                     |          |          |              |          |          |  |  |  |
| <u></u>  | 149                             | -        | _            |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        | <u> </u> | <u> </u>     | <u> </u> | Ш        |  |  |  |
| L        | 150                             |          | L            | Ш            |                                     | L        | L        | L            |          |          |  |  |  |